

# MOLYVAN<sup>®</sup>

## A

**High Temperature,  
Antioxidant,  
Antiwear/Antiscuff,  
Friction Reducer,  
Extreme Pressure  
Additive**

### TECHNICAL DATA

**MOLYVAN<sup>®</sup> A** is used in long life greases for ball joints, steering linkages, constant-velocity joints (CVJ) and other lubricating greases requiring good antioxidant, friction reduction and antiwear at high temperatures for long periods of time. It is an organic molybdenum extreme pressure and antiwear additive for petroleum and synthetic lubricants. In lubricating greases, it is superior to inorganic molybdenum additives for both antiwear and antioxidant properties.

### CHEMICAL COMPOSITION

Molybdenum di-n-butylidithiocarbamate

### TYPICAL PROPERTIES

Physical State	Powder
Appearance	Yellow
Molybdenum, %	28.0
Sulfur, %	24.5
Density @ 25°C, Mg/m <sup>3</sup>	1.59
Fineness, through 100 mesh, % minimum	99.9

\*The analytical data listed above are not specifications

### APPLICATIONS

- Long life antiwear and extreme pressure greases
- Greases for ball joints, steering linkages and constant-velocity joints

### RECOMMENDED TREAT RATES

- Typical range is 0.5 to 3.0 wt. % but can vary based on formulation style and application

### ADVANTAGES

- Works as excellent antiwear and extreme pressure agent
- Offers excellent high temperature stability
- Contains high level of molybdenum and sulfur
- Functions as multi-functional additive with antioxidant, antiwear/antiscuff, extreme pressure and friction reducing properties
- Does not promote rusting, although slightly basic
- Can be used in all types of greases
- Performs more effectively when combined with other metallic dithiocarbamates and dithiophosphates



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## SOLUBILITY

- Insoluble in mineral oils
- Dispersible in greases and other non-petroleum based pastes

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## STANDARD PACKAGING

- 100 lb. paper fiber drums

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## HANDLING AND STORAGE

Please refer to Section 7 of SDS for handling and storage information.

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## REGISTRATION

Please refer to section 15 of SDS for regulatory information.

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## CONTACT INFORMATION

For samples, product information and/or technical service, please contact Vanderbilt Chemicals, LLC or the Vanderbilt representative in your area:

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